

**R-008-101.4**

**1369**

**K-65 AREA WEEKLY REPORT JUNE 14, 1991**

**06-14-91**

**DOE/USEPA  
4  
REPORT**

K-65 AREA WEEKLY REPORT  
JUNE 14, 1991

1369

SLANT BORINGS:

Slant Boring No. 3 water purging and sampling efforts were initiated on May 31, 1991. Sampling of Boring No. 3 was completed on June 8, 1991.

The WMCO analysis of Slant Boring #1 will be available on June 17, 1991.

Boring under the Decant Tank was initiated on June 1, 1991. The sampling team has penetrated twenty-three feet.

MAPPING:

The WMCO Environmental Monitoring personnel extracted water samples from Silo No. 4 and transferred the samples to the WMCO laboratory on May 31, 1991. The WMCO analysis will be available on June 14, 1991. The Fernald Silo #4 Remote Surface Mapping Technology Support Demonstration Work Plan will be issued to U. S. EPA the week of June 17, 1991.

BERM SAMPLING:

Extraction, sectioning, and shipment of all six sections from the east side of the silo's was completed on June 5, 1991. Due to physical parameters of the sample upon arriving at the lab, from the northeast boring section A, this section will be resampled starting June 17, 1991.

RADON TREATMENT SYSTEM:

Work on the RTS continued. Activities which have been completed include, but are not limited to, installation of glovebags around the piping in the RTS building, removal of piping, which connected the blowers to the RTS, placement of the concrete pad for the new blower, installation of the blower, piping and electrical conduit.

The construction phase of the project was completed on June 8, 1991, is currently on schedule. Work is continuing to prepare for installation of the manway extensions and isolation valves.

DECANT SUMP:

Sampling of the sludge was initiated on June 7, 1991, after modifications of the sampling equipment was complete. Preliminary analysis of the initial sample will include thorium-230 and radium-226.

GAS SAMPLING AND ANALYSIS OF THE K-65 SILO HEADSPACE

Hydrogen samples were extracted from the headspace of Silo's 1 and 2 on June 4, 1991. The WMCO analysis of the samples was completed on June 13, 1991. The results for Silo 1 are .09% hydrogen and Silo 2 are .05% hydrogen.

**WESTINGHOUSE MATERIALS CO. OF OHIO  
OU4 INTEGRATED PROJECT SCHEDULE  
LEVEL IV DETAIL SCHEDULE**

Sheet 1 of 3

Prepared by Central Planning and Integration

Primavera Systems, Inc. 1984-1991

Project Start : 1SEP99  
Project Finish: 10AUG92

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ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH																																													
				1990						1990						1991						1991																										
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP								
MODIFY RADON TREATMENT SYSTEM																																																
Y407091003	0	25MAR91A	19APR91A																																													
Y407091010	0	22APR91A	2MAY91A																																													
Y407091008	0	8MAY91A	9MAY91A																																													
Y407091004	0	9MAY91A	8JUN91A																																													
Y407091009	0	10MAY91A	11MAY91A																																													
Y407091011	2	17JUN91	18JUN91																																													
Y407091005	5	18JUN91	23JUN91																																													
Y407091007	1	24JUN91	24JUN91																																													
Y407091006	14	25JUN91	8JUL91																																													
SLANT BORING SAMPLING																																																
Y408095050	0	14DEC90A	14DEC90A																																													
Y408095040	0	29JAN91A	7FEB91A																																													
Y408095051	0	1MAR91A	4APR91A																																													
Y408095044	53	5APR91A	17AUG91																																													
Y408095047	86	18APR91A	17SEP91																																													
Y408095048	21	16AUG91	7SEP91																																													
VERTICAL BORING (BERM) SAMPLING																																																
Y409095041	0	22JAN91A	7FEB91A																																													
Y409095042	0	24JAN91A	14FEB91A																																													
Y409095050	0	12FEB91A	20FEB91A																																													
Y409095043	0	5MAR91A	18APR91A																																													
Y409095051	0	24APR91A	25APR91A																																													
Y409095044	4	30APR91A	17JUN91																																													
Y409095047	25	3MAY91A	8JUL91																																													
Y409095048	7	18JUN91	24JUN91																																													
SECOND ATTEMPT - RESAMPLING K-65 RESIDUES																																																
Y410091001	0	27MAR91A	22MAY91A																																													
Y410091002	47	9JUL91	24AUG91																																													
Y410091004	38	16JUL91	22AUG91																																													
SURFACE MAPPING DEMONSTRATION IN SILO 4																																																
Y411091001	0	7JAN91A	30MAY91A																																													
Y411331000	0	31JAN91A	12APR91A																																													
Y411061000	0	6FEB91A	24MAY91A																																													
Y411071000	0	25FEB91A	3JUN91A																																													
Y411081000	0	25FEB91A	1APR91A																																													
Y411091002	21	21MAR91A	12JUL91																																													
Primavera Systems, Inc.												WESTINGHOUSE MATERIALS CO. OF OHIO OU4 INTEGRATED PROJECT SCHEDULE LEVEL IV DETAIL SCHEDULE												Sheet 2 of 3						Prepared by Control Planning and Integration																		
Project Start : 1SEP90 Project Finish : 10AUG92																		Data						Review						Checked						Approved												

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1990												1991												1992																		
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
SURFACE MAPPING DEMONSTRATION IN SILO 4																																														
Y411091004 5 18JUN91 24JUN91																																														
Y411091012 10 1JUL91 12JUL91																																														
Y411091010 5 8JUL91 12JUL91																																														
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Y411091013 5 15JUL91 19JUL91																																														
Y411091014 5 22JUL91 26JUL91																																														
Y510091001 424 17APR91A 10AUG92																																														

Activity Summary Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1994-1997

WESTINGHOUSE MATERIALS CO. OF OHIO  
OU4 INTEGRATED PROJECT SCHEDULE  
LEVEL IV DETAIL SCHEDULE

Project Start : 1SEP90  
Project Finish : 10AUG92

Sheet 3 of 3

Prepared by Central Planning and Integration			
Date	Review	Checked	Approved
Data Date: 14JUN91	Plot Date: 14JUN91		

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2  
3  
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